

mouth, as long as eye, which is $3\frac{2}{3}$ to $3\frac{3}{4}$ times in length of head; interorbital width $3\frac{1}{2}$ times in length of head; mouth extending to below posterior third of eye; no barbels; naked space between præoperculum and suborbitals not quite $\frac{1}{2}$ the width of third suborbital. Gill-rakers few, rudimentary. Dorsal III 7, originating midway between occiput and root of caudal, its posterior third or half above anal; anterior rays longest, $\frac{2}{3}$ length of head. Anal III 15; anterior rays much longer than posterior, about as long as longest dorsals. Pectoral acutely pointed, a little shorter than head, not quite reaching ventral. Caudal forked. Caudal peduncle twice as long as deep. Scales with radiating striæ, 68-70 $\frac{12-12\frac{1}{2}}{7\frac{1}{2}}$, 3 between lateral line and ventral, 20-22 round caudal peduncle. Silvery; caudal fin orange, with the median rays blackish.

Total length 120 mm.

Two specimens from the Ja River.

Allied to *B. kingsleyæ*, Blgr., but distinguished by much smaller scales.

XLVIII.—*Descriptions of Two new Fishes from Northern Rhodesia.* By G. A. BOULENGER, F.R.S.

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THE British Museum is indebted to Mr. F. H. Mallard for a small series of fishes obtained by him in the Solwezi River, a tributary of the Chifulowa River, flowing into the Zambesi near the dividing range between the Zambesi and the Congo. It contains representatives of six species, two of which are here described as new. The known species are *Barbus eutenia*, Blgr., *B. lineomaculatus*, Blgr. (first described from British East Africa, but since obtained at Insiza, Rhodesia, by G. French and in the Belgian Congo at and near Elisabethville by Dr. L. Stappers), *Synodontis macrostigma*, Blgr. (discovered in the N'gami basin), and *Haplochromis moffati*, Casteln.

Barbus barilioides.

Depth of body equal to length of head, $3\frac{2}{3}$ times in total length. Snout rounded, shorter than eye, which is 3 times

in length of head and equals interorbital width; mouth small, terminal; lips feebly developed; two barbels on each side, anterior as long as eye, posterior $1\frac{1}{2}$ diameters of eye. Dorsal III 8, equally distant from centre of eye and from caudal, border straight; last simple ray not enlarged, not serrated, nearly as long as head. Anal III 5, not reaching caudal. Pectoral $\frac{3}{4}$ length of head, not reaching ventral; base of latter below anterior rays of dorsal. Caudal peduncle twice as long as deep. Scales radiately striated, 28-30 $\frac{4\frac{1}{2}}{4\frac{1}{2}}$, 2 between lateral line and ventral. Yellowish brown, darker on the back, with 12 to 16 narrow vertical bars on the sides, as in *B. fasciolatus*, Gthr., the second or third and the last expanding into a spot; belly white; basal half of vertical fins orange; eye red.

Total length 53 mm.

Two specimens.

Closely allied to *B. fasciolatus*, Gthr., from Angola. Distinguished by smaller scales (28-30 $\frac{4\frac{1}{2}}{4\frac{1}{2}}$ instead of 25 $\frac{3\frac{1}{2}}{3\frac{1}{2}}$).

Mastacembelus mellandi.

Depth of body 12 times in total length, length of head $7\frac{1}{2}$ times. Vent equally distant from head and from caudal, its distance from former 3 times its length. Snout 4 times as long as eye; mouth extending to below anterior border of eye; no præorbital or præopercular spines. Dorsal XXXII 70; last spine twice as long as eye; distance between first spine and head $\frac{1}{2}$ length of latter. Anal II 75; first spine short, second as long as last dorsal. Caudal rounded. Pectoral $\frac{1}{3}$ length of head. Scales very small, 15 between origin of soft dorsal and lateral line. Yellowish brown with blackish-brown marblings and a broad, festooned, blackish-brown lateral band in front; a vertebral series of large blackish-brown spots narrowly separated from each other; a pair of yellowish streaks, confluent in front, on each side of the back between the dark bands; caudal region blackish brown, with a network of yellow lines; lower edge of anal yellow.

Total length 310 mm.

A single specimen.